

REAMIX

DESCRIPTION

A mix of sized particles of various organic origins. It is designed to prevent circulation losses in fractured zones and for the effective development of anti-filtration barrier in the permeable rocks. Depending on the mix preparation technique and the nature of permeable rocks, the filler provides development of leak-tight anti-filtration plug or low-slump plug.

MAIN PHYSICAL PROPERTIES

Appearance:.....fawn reagent
Density (monoproduct):.....1,05 - 1,08 g/sm³
Density (separate components):.....0,7 – 1,15 g/sm³
pH of water-based mixture:.....6-7
Solubility in water or hydrocarbon base:non soluble

APPLICATION

Reamix is a mix of plugging agents to prevent drilling mud absorption in the rocks of various origins. Extra fine and fine fractions can be used to reduce drilling mud filtration in highly porous sandstones. Mixes of this kind of grinding can be run in through the drill stem assembly and large and middle bit nozzles. It is recommended to run in coarse grinding mixes through the open end of drilling string. The product has good wetting properties. Fine and medium fractions of the mix can be input using a cone, the more coarse fractions - directly under a reservoir mixer or a pump intake manifold.

PARTICLE SIZE ACCORDING TO NOMINAL SIZE

REAMIX VERY COARSE8-12-15 mm
REAMIX COARSE1-3-8 mm
REAMIX MEDIUM1-2-4 mm
REAMIX FINE.....0,3-0,7-2 mm
REAMIX VERY FINE 0,1-0,3-1 mm

ADVANTAGES

- It is effective when combined bridging mixtures are used
- It assists in reduction of infiltration processes
- It can be used in a wide range of temperatures; it assists in formation of more qualitative filter cake

LIMITATIONS

- It causes reduction of liquid pH
- It requires moderate thixotropy especially for solutions with low specific density
- In case of high concentrations suction of drilling pump and drilling equipment can be blinded

HANDLING

When applying at the drilling site it is recommended to use the standard set of personal protective equipment: glasses, gloves and respirator.

PACKAGING AND STORAGE

Reamix reagent is supplied in polypropylene bags with polyethylene inserts of 20 kg each placed on pallets. It should be stored in dry, closed premises. It should not be stored in close proximity to heat source, spark source or ignition source.